

LTE Band5 Test Data

General Description of EUT	
Product Name:	Tablet
Test Model:	B7
Test Standard:	FCC Part 2 FCC Part 22 Subpart H
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.85V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202503-3450-115 . The report only show the worst case data.	

Contents

LTE Band5 Test Data	1
1: Conducted Output Power Data	3
Test Result	3
2: Peak-to-Average Ratio(CCDF)	7
Test Result	7
Test Graphs	9
3: 26dB Bandwidth and Occupied Bandwidth	17
Test Result	17
Test Graphs	18
4: Band Edge	22
Test Result	22
Test Graphs	24
5: Conducted Spurious Emission	32
Test Result	32
Test Graphs	35
6: Frequency Stability	55
Test Result	55

1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.40	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.52	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.43	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.48	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.40	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.58	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.39	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.50	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.55	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.51	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.47	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.46	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.52	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.43	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.30	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.34	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.44	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.32	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.20	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.27	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.44	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.30	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.23	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.17	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.24	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	23.39	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.19	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.51	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.40	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.46	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.44	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.54	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.52	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.46	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.50	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.49	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.61	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.54	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.61	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.55	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.51	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.46	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.50	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.52	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.49	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.50	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.54	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.43	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.54	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.53	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.55	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.49	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.54	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.63	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.39	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.52	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.52	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.50	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.25	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.36	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.23	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.54	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.43	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.54	PASS

Band5	3MHz	16QAM	20635	15RB#0	22.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.32	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.60	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.38	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.48	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.54	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.59	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.57	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.46	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.68	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.51	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.53	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.61	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.56	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.51	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.79	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.36	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.58	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.59	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.56	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.32	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.86	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.33	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.52	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.56	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.57	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.62	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.42	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.43	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.46	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.56	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.57	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.46	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.55	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.83	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.39	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.65	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.72	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.61	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.40	PASS

Band5	10MHz	QPSK	20450	1RB#24	24.55	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.37	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.42	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.50	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.52	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.36	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.71	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.50	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.49	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.54	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.50	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.51	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.53	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.70	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.51	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.58	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.58	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.58	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.22	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.58	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.22	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.48	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.51	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.53	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.58	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.56	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.46	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.53	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.48	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.35	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.73	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.23	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.71	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.65	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.70	PASS

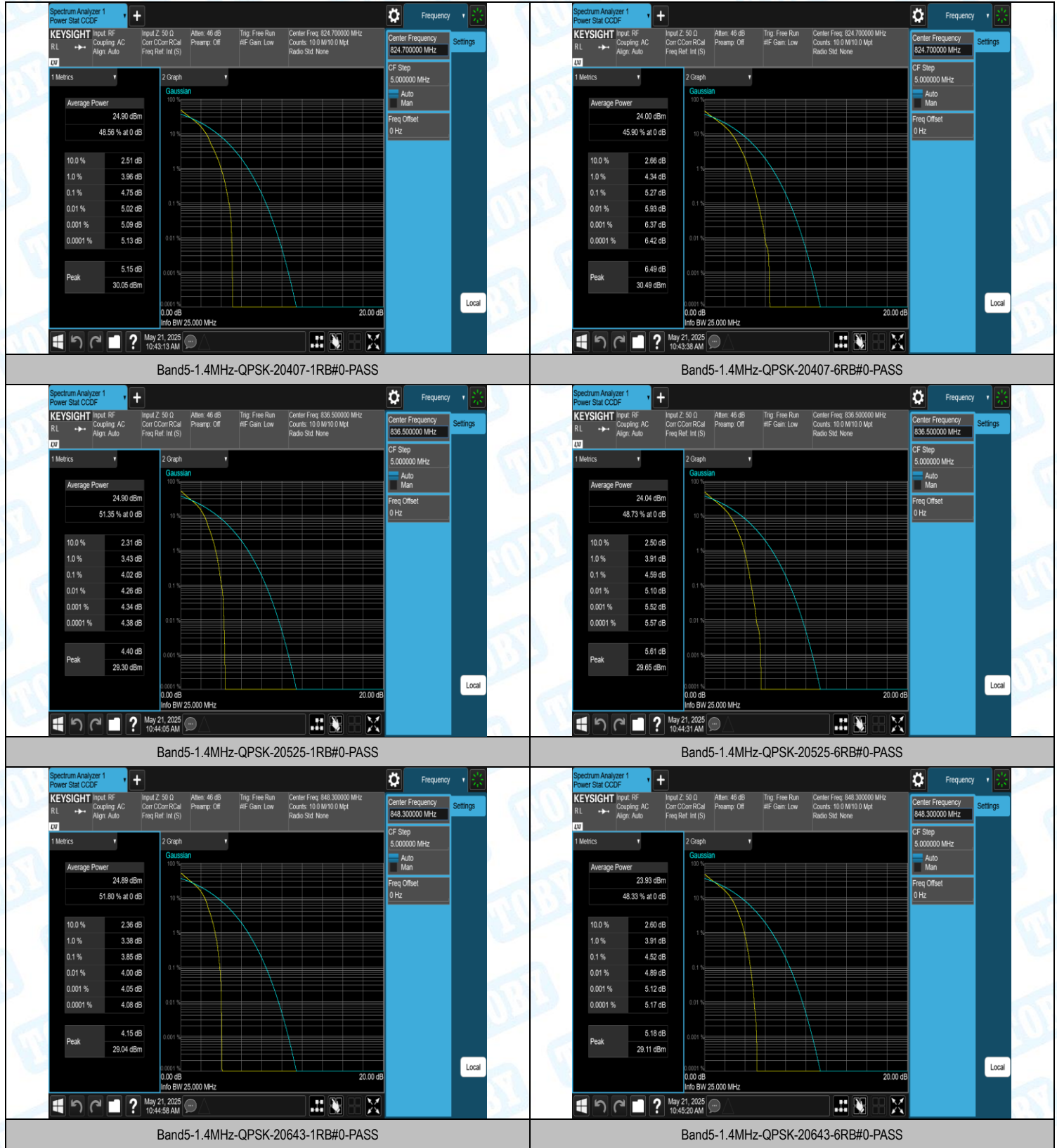
2: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.75	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.27	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.02	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.59	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.85	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.52	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.76	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.08	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.03	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.43	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.44	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.80	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.09	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.69	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.41	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.89	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.65	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.17	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.95	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.55	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.30	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.87	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.34	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.20	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.72	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.60	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.44	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.08	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.90	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.55	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.26	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.81	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.76	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.10	13	PASS

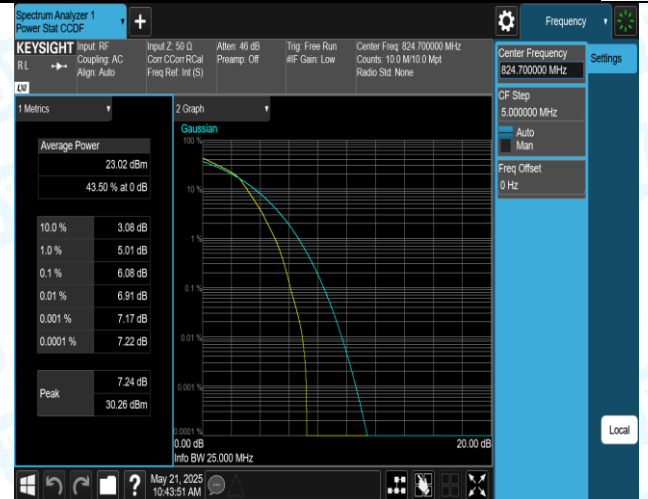
Band5	10MHz	QPSK	20525	50RB#0	4.78	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.16	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.01	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.98	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.97	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.99	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.80	13	PASS

Test Graphs

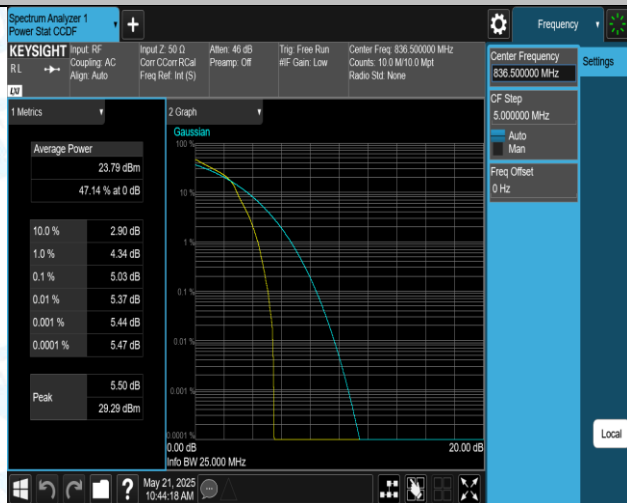




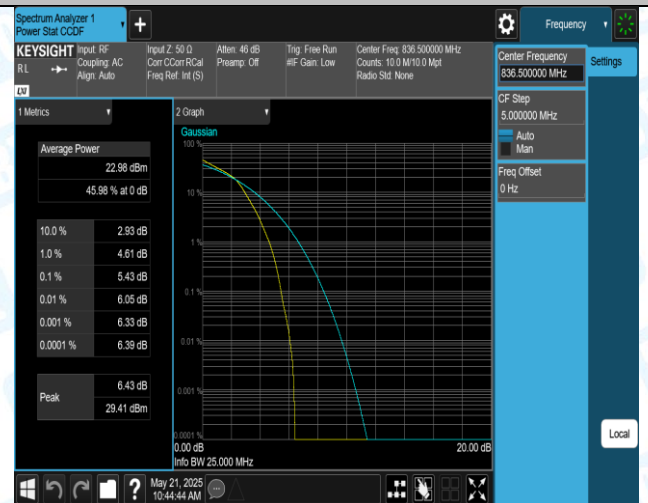
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



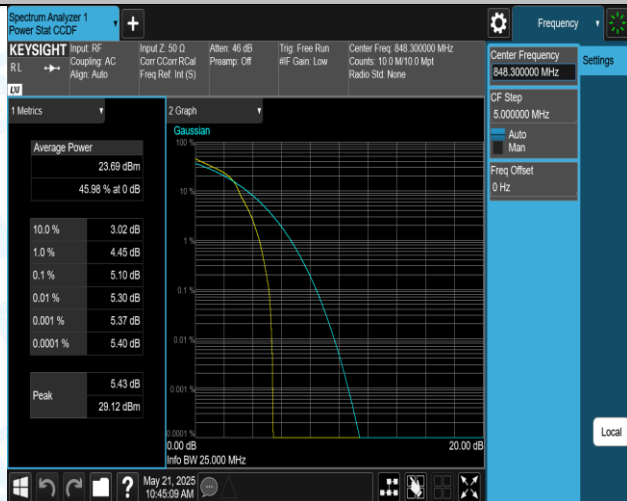
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



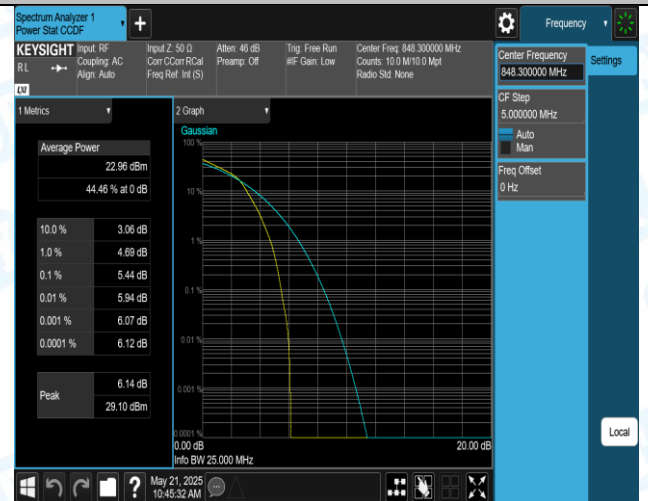
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



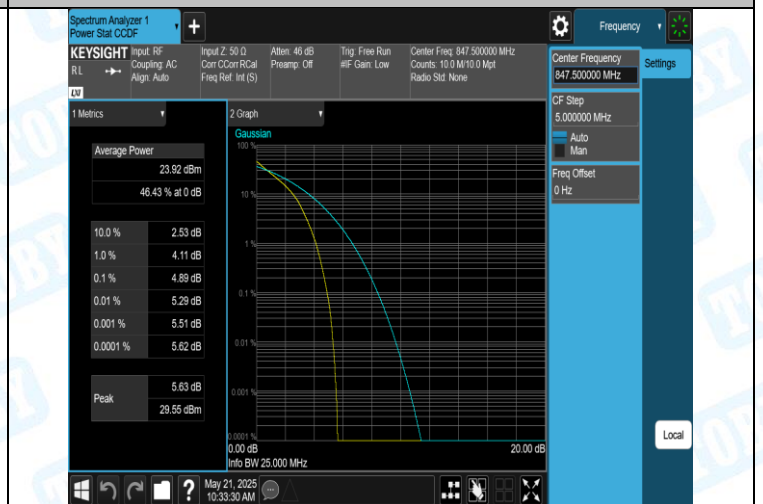
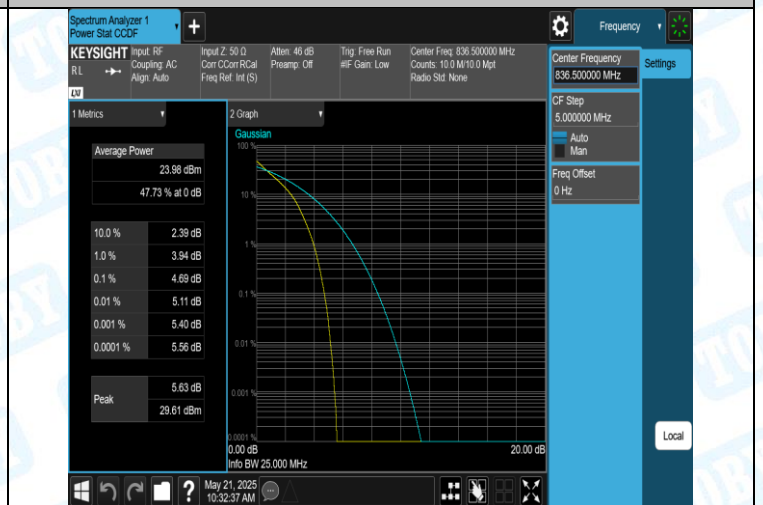
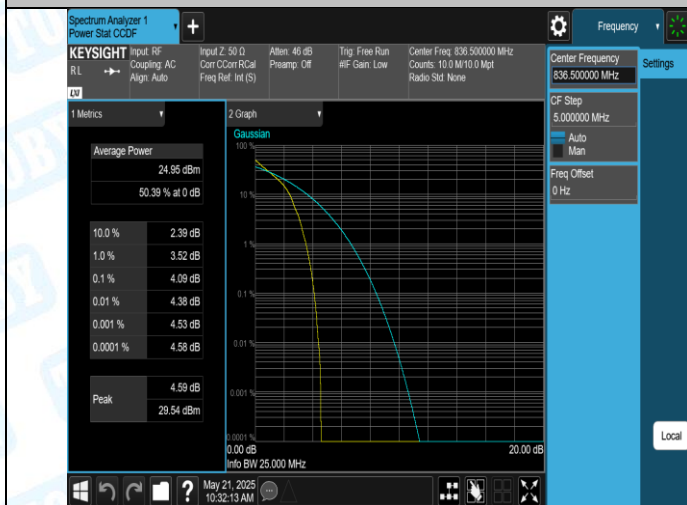
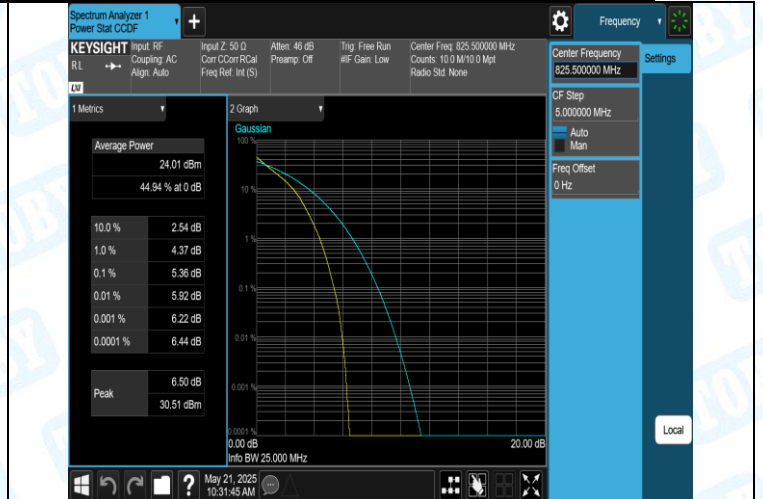
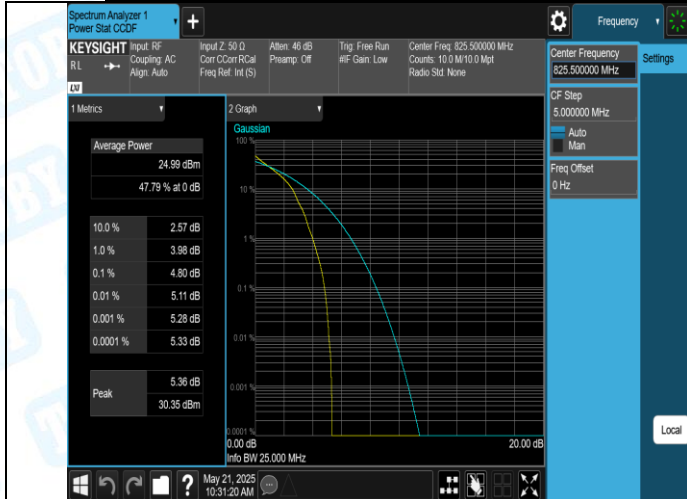
Band5-1.4MHz-16QAM-20525-6RB#0-PASS

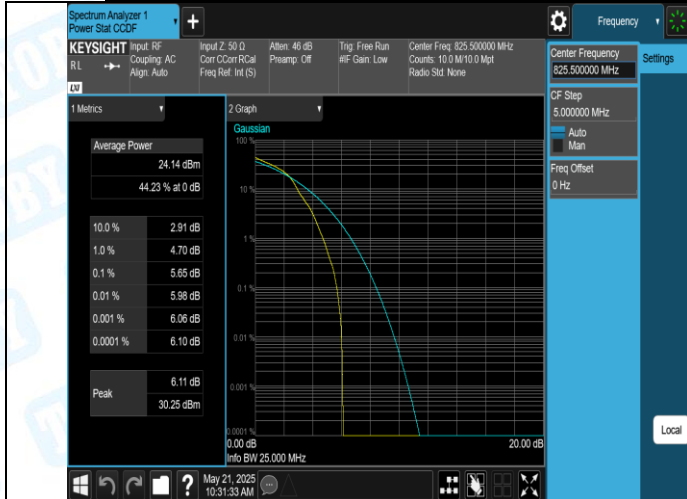


Band5-1.4MHz-16QAM-20643-1RB#0-PASS

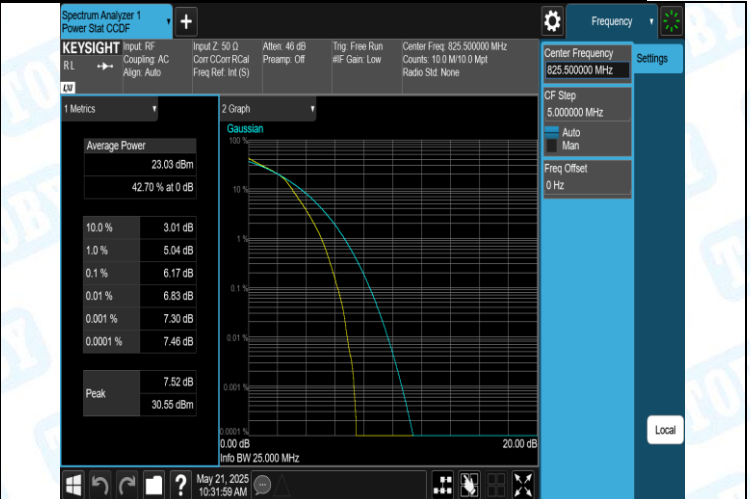


Band5-1.4MHz-16QAM-20643-6RB#0-PASS

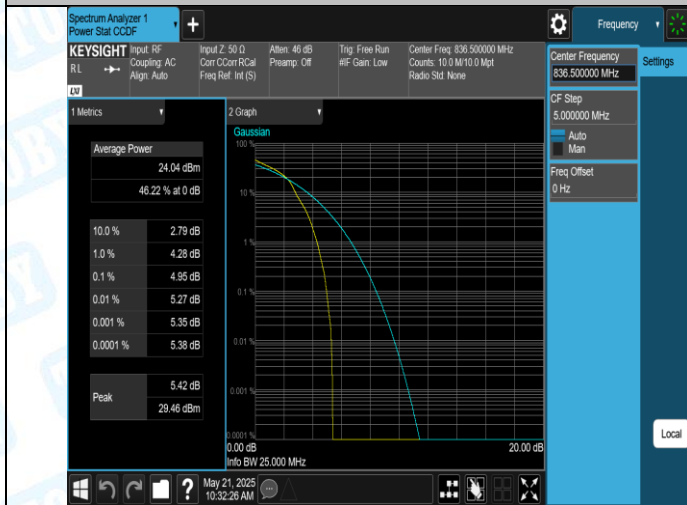




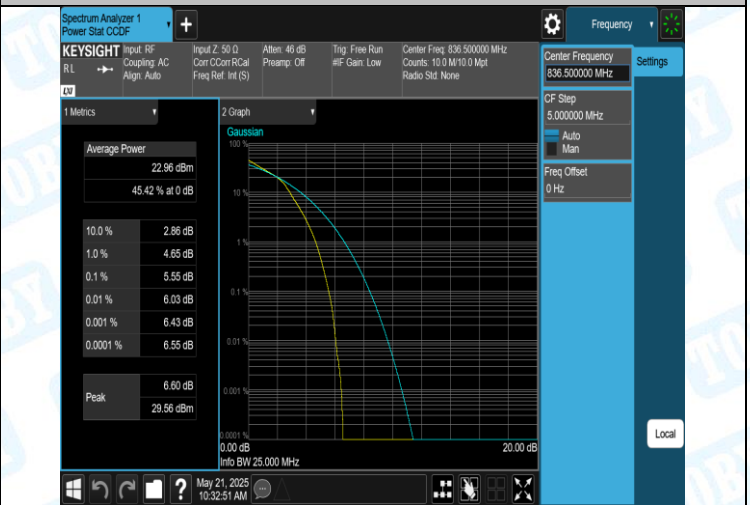
Band5-3MHz-16QAM-20415-1RB#0-PASS



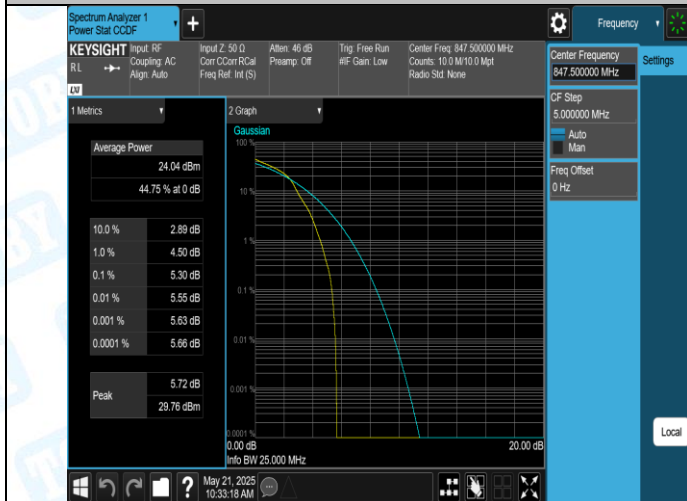
Band5-3MHz-16QAM-20415-15RB#0-PASS



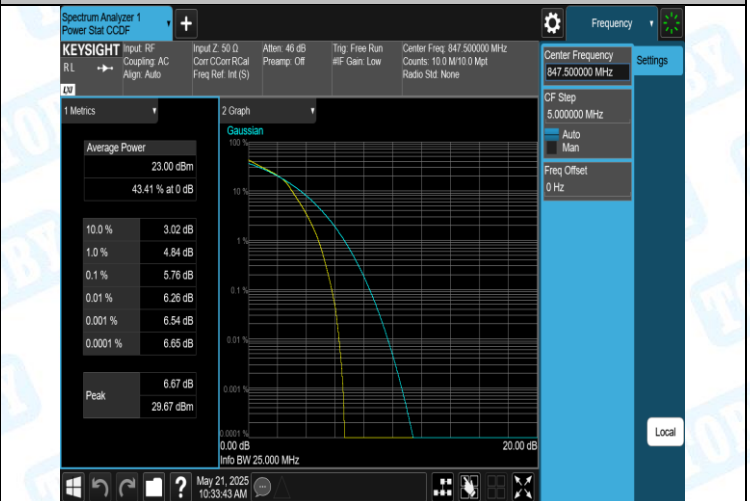
Band5-3MHz-16QAM-20525-1RB#0-PASS



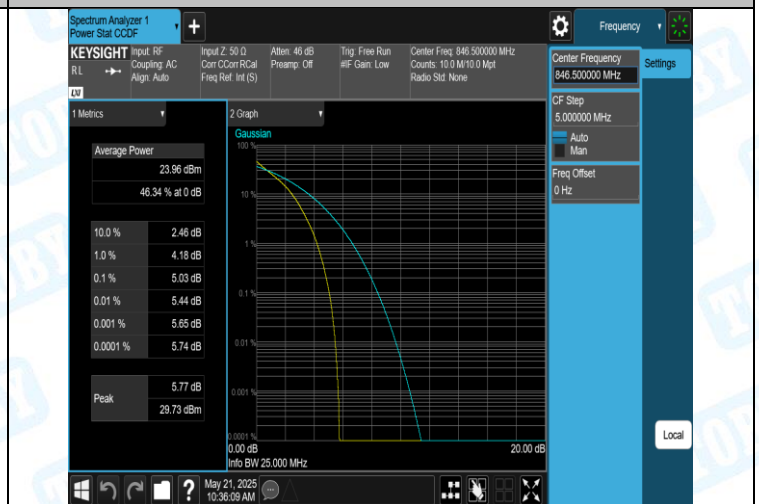
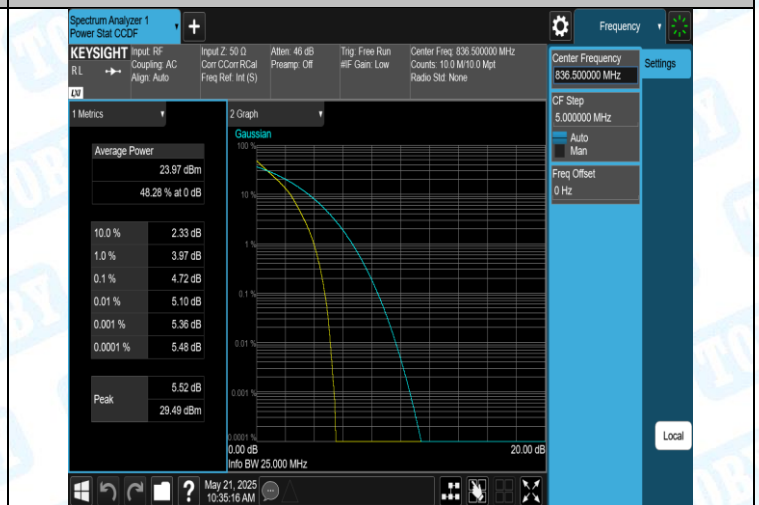
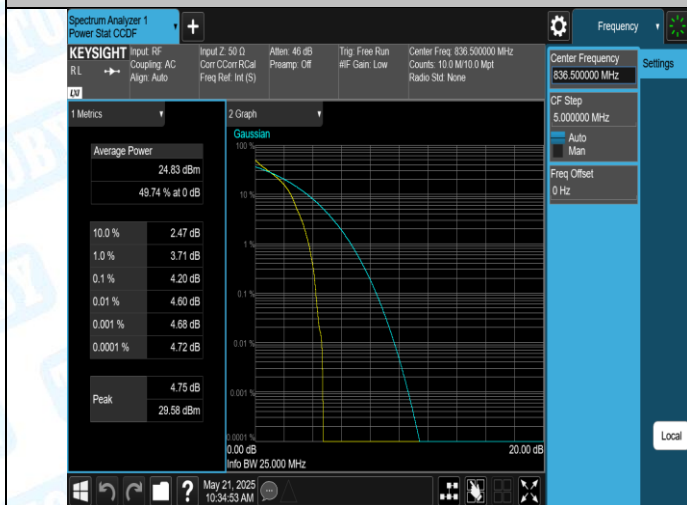
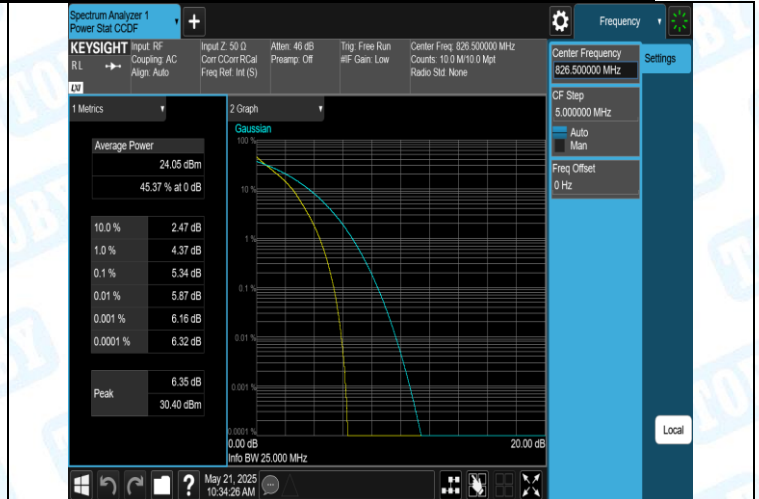
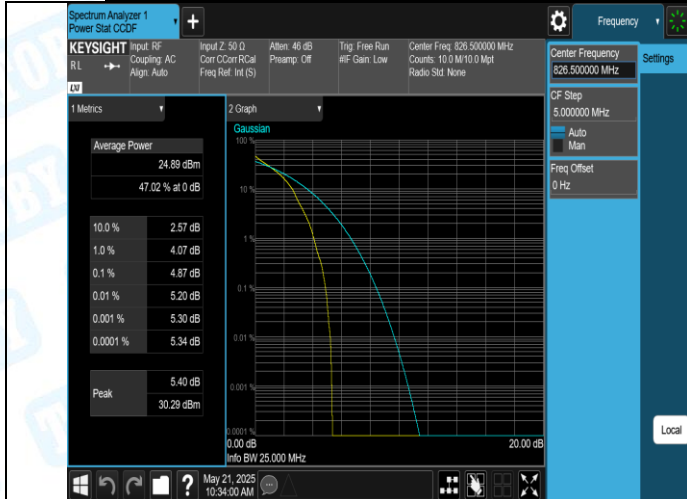
Band5-3MHz-16QAM-20525-15RB#0-PASS

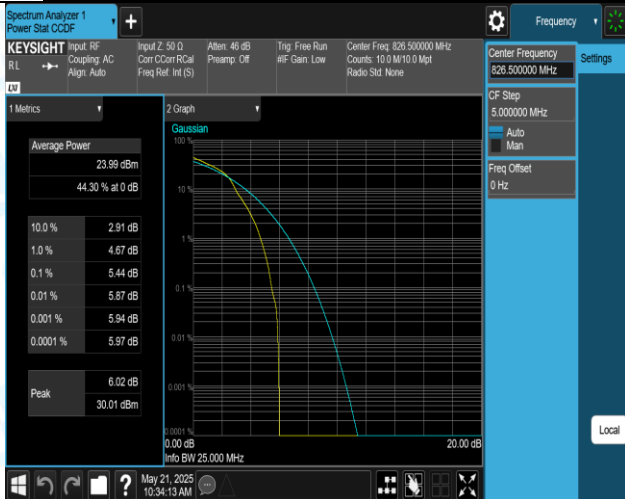


Band5-3MHz-16QAM-20635-1RB#0-PASS

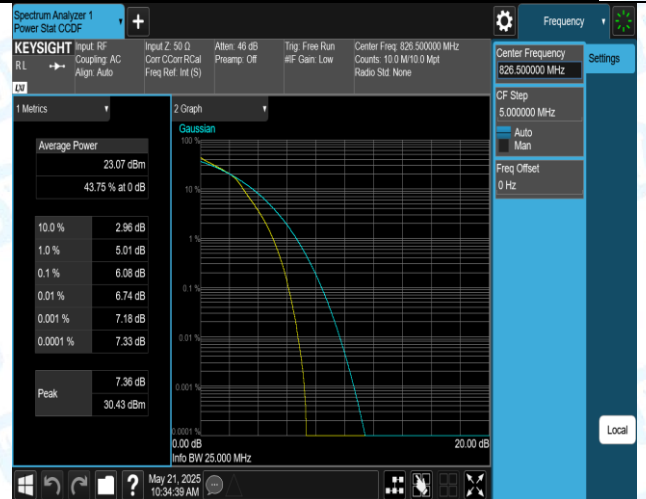


Band5-3MHz-16QAM-20635-15RB#0-PASS





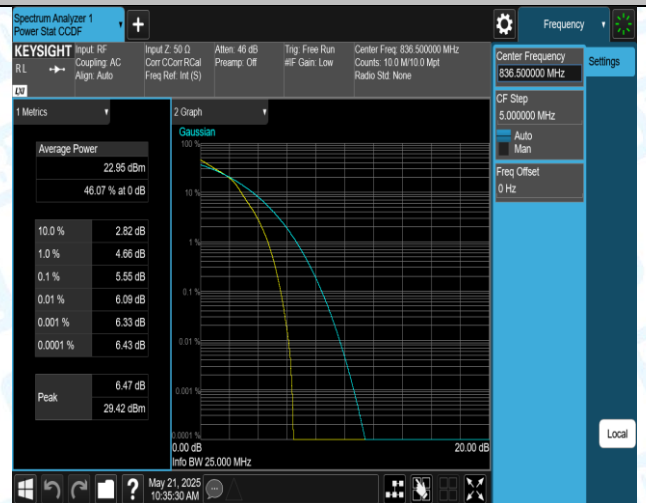
Band5-5MHz-16QAM-20425-1RB#0-PASS



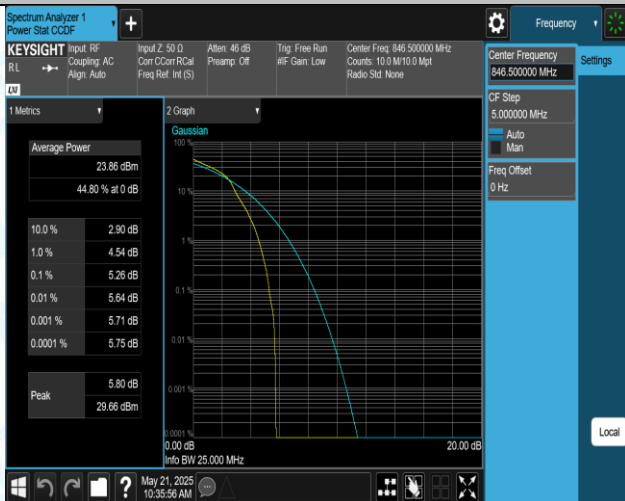
Band5-5MHz-16QAM-20425-25RB#0-PASS



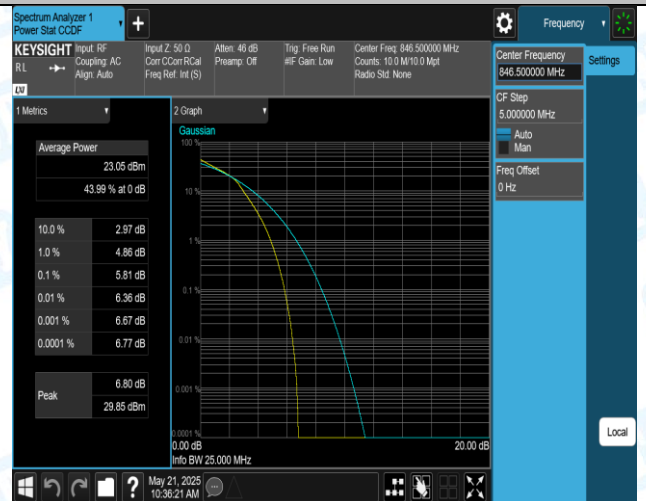
Band5-5MHz-16QAM-20525-1RB#0-PASS



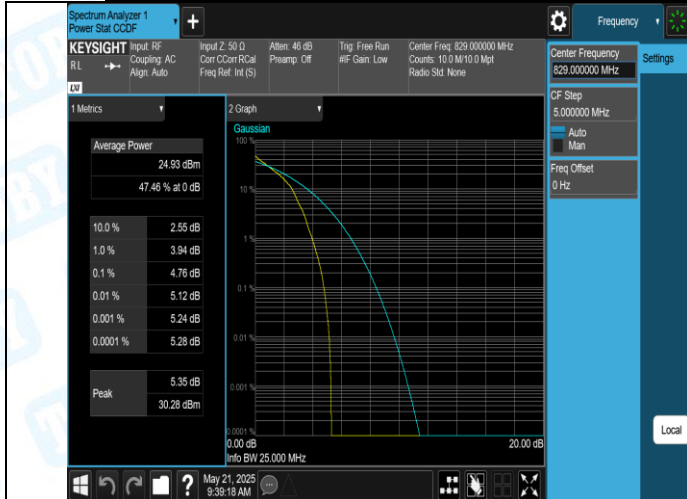
Band5-5MHz-16QAM-20525-25RB#0-PASS



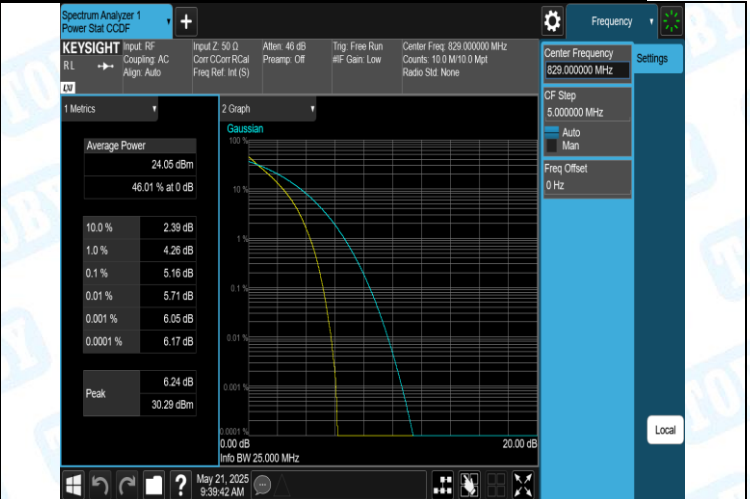
Band5-5MHz-16QAM-20625-1RB#0-PASS



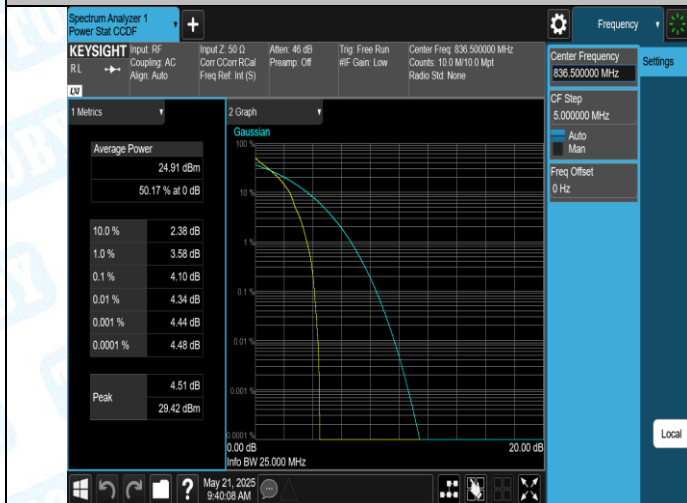
Band5-5MHz-16QAM-20625-25RB#0-PASS



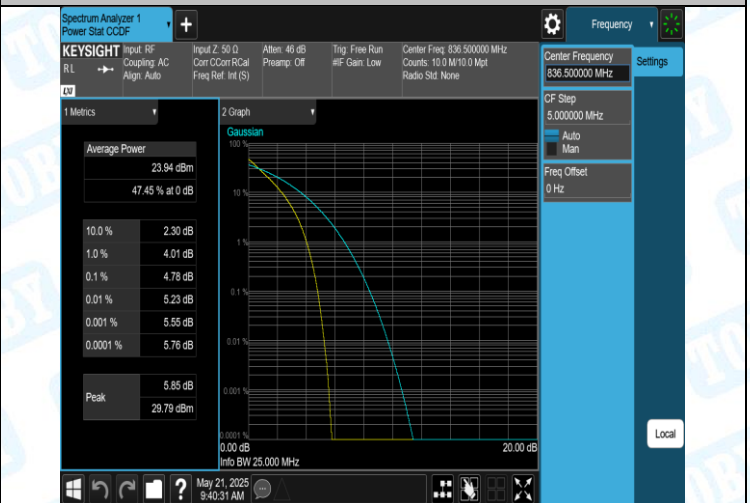
Band5-10MHz-QPSK-20450-1RB#0-PASS



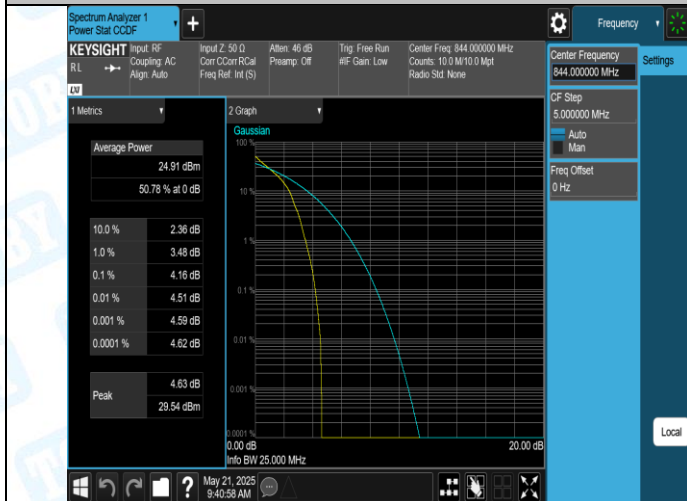
Band5-10MHz-QPSK-20450-50RB#0-PASS



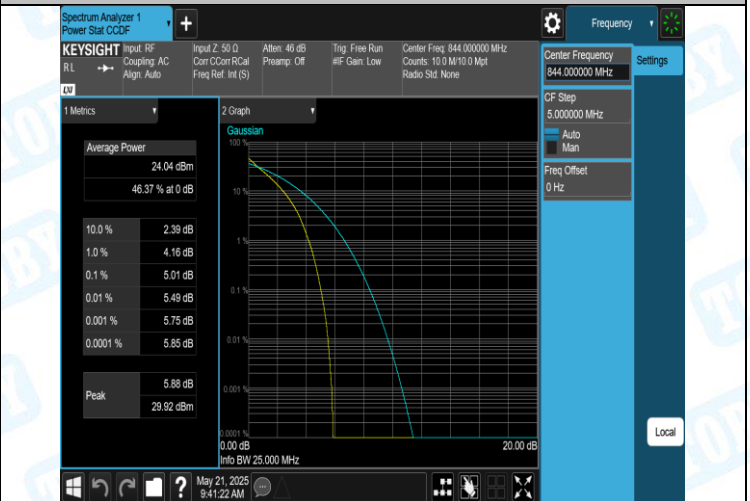
Band5-10MHz-QPSK-20525-1RB#0-PASS



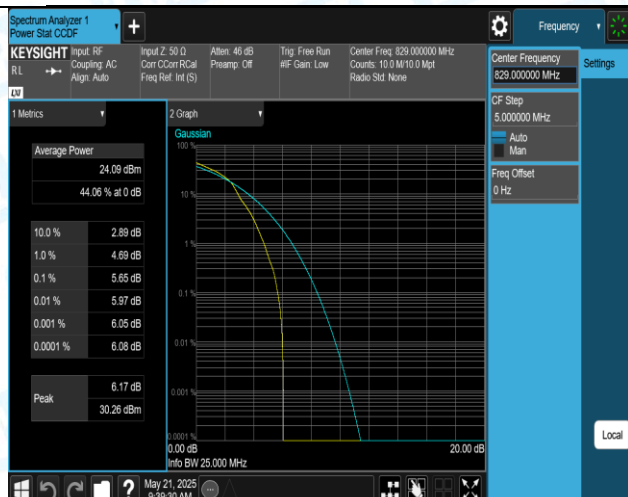
Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#0-PASS



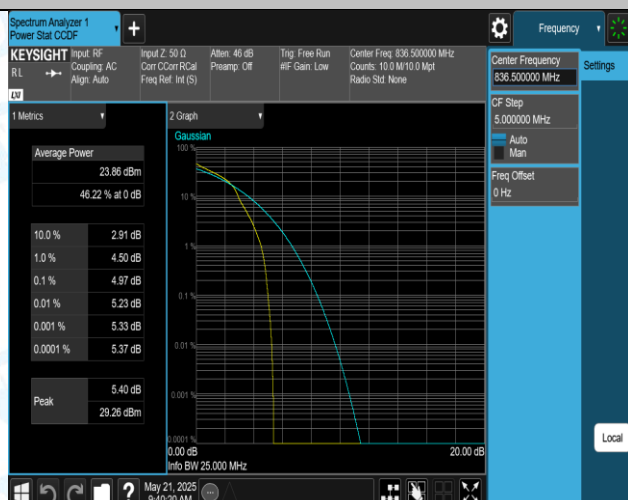
Band5-10MHz-QPSK-20600-50RB#0-PASS



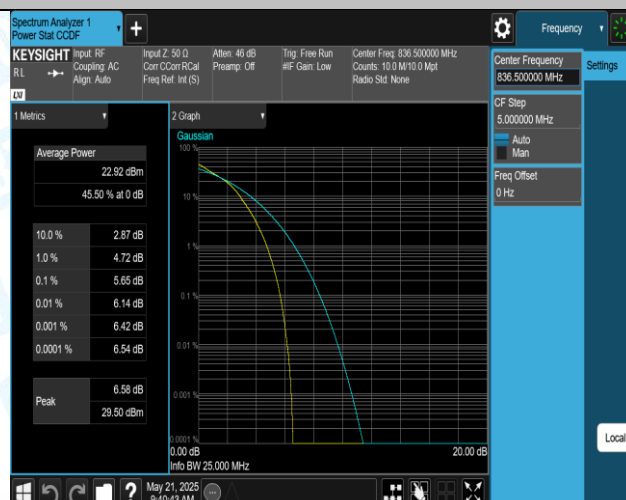
Band5-10MHz-16QAM-20450-1RB#0-PASS



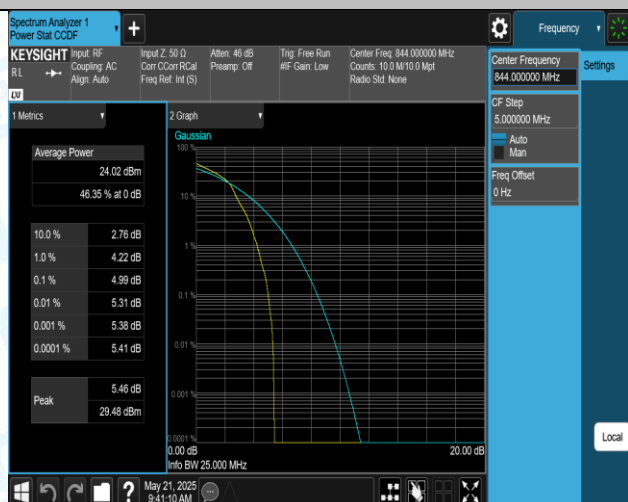
Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-1RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-1RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0922	1.286	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.291	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0945	1.285	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0967	1.304	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0976	1.296	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0985	1.306	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6871	2.895	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6826	2.900	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6887	2.897	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6807	2.890	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6816	2.903	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6806	2.897	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4998	4.940	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4833	4.913	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4998	4.935	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4906	4.884	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4847	4.939	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4924	4.910	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9679	9.812	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9672	9.792	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0080	9.843	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9777	9.763	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9714	9.750	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9888	9.754	PASS

Test Graphs

